

BOROUGH OF GOSPORT.



PUBLIC HEALTH DEPARTMENT.

REPORT

OF THE

Medical Officer of Health

For the Year 1938.

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Gosport :

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BOROUGH OF GOSPORT.

Health Committee, 1938-1939.

THE MAYOR.

Chairman : Councillor NICHOLSON.

Vice-Chairman : Councillor ABEL.

Aldermen :

SILVER. WILLIAMS.

Councillors :

AUSTIN.	P. F. SMITH.
MAIN (Mrs.)	WHEELER.
NOBES.	WILLIAMS (Mrs.)
E. H. SMITH.	

Staff.

*Medical Officer of Health, School Medical Officer and
Medical Superintendent of the Isolation Hospital :*

G. W. FLEMING, L.R.C.P. & S., Edin., L.R.F.P. & S., Glas.,
D.P.H. Leeds.

Chief Sanitary Inspector :

T. E. OWENS (a, c, d, g, h and i)

Additional Sanitary Inspectors :

H. R. DUKE (a and c).

H. TOWNSON (a and c).

(Commenced, February, 1938.)

*Staff Continued**Shops Acts Inspector :*

A. E. GORMAN.

Chief Clerk :

M. F. WELLS (a).

(Resigned, July, 1938).

H. J. MOORE.

(Commenced, August, 1938).

Assistant Clerks :

K. WILLIAMSON.

Miss J. FISHER.

Disinfector and Mortuary Attendant :

E. G. COLES.

Mosquito Sprayer :

C. GIDDY.

*Other Public Health Officers of the Authority :**Veterinary Surgeon :*

M. BRIDGEMAN, M.R.C.V.S. (Part-time)

- (a) Sanitary Inspector's Certificate of Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board.
- (b) Sanitary Inspector's Certificate of Royal Sanitary Institute.
- (c) Meat and Food Inspector's Certificate of Royal Sanitary Institute.
- (d) Sanitary Science Certificate of Royal Sanitary Institute.
- (e) Advanced Diploma Institute of Hygiene.
- (f) Associate Certificate Institute of Sanitary Engineers.
- (g) Fellowship Certificate Institute of Sanitary Engineers.
- (h) Smoke Inspector's Certificate Royal Sanitary Institute.
- (i) Royal Sanitary Institute Certificate in Advanced Knowledge of Sanitary Inspector's Duties.

BOROUGH OF GOSPORT.



*To the Mayor, Aldermen and Councillors of the Borough of
Gosport.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to submit my eighth Annual Report on the health and sanitary circumstances of the Borough for the year ended 31st December, 1938.

The report is on the lines indicated by Circular 1728 of the Ministry of Health.

The Registrar General's estimate of the mid-year population is 45,910, an increase of 1,700 on the population for 1937. This is probably an underestimate owing to the influx of new residents from Portsmouth.

There were 856 live births compared with 837 for the previous year, but owing to the increase in the population the birth rate is slightly lower, 18·6 compared with 18·9 for 1937. However the birth rate for England and Wales is only 15·1.

There were 453 deaths, eleven less than the previous year, giving a death rate of 10·02 per 1,000 compared with 11·6 for England and Wales. The infant mortality rate is 53·7 per 1,000 live births compared with 53·0 for England and Wales.

Other matters of interest will be mentioned under their respective headings.

I am,

Your obedient Servant,

G. W. FLEMING,

Medical Officer of Health.

Public Health Department,
"Rostellan," Stoke Road,
GOSPORT.

7th July, 1939.

Section A.—Statistics and Social Conditions of the Area.

Area in acres (land and inland water)	—	6227
Registrar General's estimate of resident population Mid-year 1938	—	45910
Number of inhabited houses (end of 1938) according to Rate Books	—	12471 (increase 1571)
Rateable Value		£391,722 (increase £16,107)
Sum represented by a penny rate	—	£1,530
Total Rainfall—22'22 inches (1937—33'33 inches).		
Hours of Sunshine—1678'7 (1937—1667'3).		
Mean Annual Temperature 52'3 degrees Fahr. (1937—52'3).		

		Total	Males	Females
Live Births	{ Legitimate	829	417	412
	{ Illegitimate	27	12	15
	Total	856	429	427

Birth Rate per 1000 of the estimated resident population—18'64 (1937—18'93).

		Total	Males	Females
Still Births	{ Legitimate	31	18	13
	{ Illegitimate	3	2	1
	Total	34	20	14

Rate per 1000 total (live and still) births 38'20 (1937—37'9).

	Total	Males	Females
Deaths	453	234	219

Death Rate per 1000 of the estimated resident population—10'02 (1937—10'69)

Deaths from puerperal causes :—

	Deaths.	Rate per 1000 total (live and still) births.
Puerperal Sepsis	0	0'00
Other Puerperal causes	5	5'62
Total	5	5'62

Death Rate of Infants under one year of age :—

All infants per 1000 live births, 53'73 (1937—39'42)

Legitimate infants per 1000 legitimate live births—55'48.
(1937—40'79)

Illegitimate infants per 1000 illegitimate live births—0'00
(1937—0'00)

Deaths from Cancer (all ages)—67

Deaths from Measles (all ages)—4

Deaths from Whooping Cough (all ages)—1

Deaths from Diarrhoea (under 2 years of age)—5

There has been no specially noteworthy cause of sickness in the area during the year.

The average number of unemployed persons during 1938 was 773. The only evidence I have that unemployment has exercised any significant influence on the health or physique of children or adults is to be found in our register of necessitous children on free milk or meals. During the year 245 necessitous children were on our free milk list for various periods and free dinners were also provided for 76 necessitous children of seven years of age and upwards.

Section B.—General Provision of Health Services for the Area.

Developments or changes in the services provided in the Area under the following heads :—

Laboratory Facilities.

The following statement shews the number of specimens sent from this district during the year. No change has been made in the arrangements.

Specimens.	Positive.	Negative.	Total.
Gosport Dispensary—Sputum	9	26	35
Other Sputum	29	141	170
Diphtheria Swabs	129	596	725
„ „ (Virulence)	12	13	25
Blood for Typhoid	3	15	18
„ „ Wasserman	12	63	75
„ „ Kahn	11	1	12
Smears for Gonococci	—	59	59
Urine			44
Faeces			22
Swabs for Haem. Strep.			5
Pus			2
Pleural Fluid			3
C.S. Fluid			1
Milk for Phosphatase	21	43	64
„ „ Bact. Count	21	43	64
„ „ Typhoid	—	2	2
„ „ Tuberculosis (Biological)	1	26	27
„ Bottles for Sterility			48
„ Detergents for Bact. Exam., etc.			47
Water for analysis			37

Ambulance Facilities.

The Ambulance Service (excluding Army, Navy and R.A.F. Ambulances) consists of 3 ambulances provided by the Corporation. Hence co-ordination presents no difficulty.

Nursing in the Home.

There has been no change in the arrangements described in my previous reports.

Treatment and Clinic Centres.

<i>Name of Clinic.</i>	<i>Where held.</i>	<i>Day and hours of attendance.</i>	<i>Medical Officer.</i>	<i>By whom provided.</i>
School Clinic	"Rostellan," Stoke Road.	Daily 9 a.m. (except Saturdays).	Dr G. W. Fleming.	Local Education Authority.
Maternity and Child Welfare Clinic	Lowry Hut, Lee-on-Solent.	1st and 4th Tuesdays 2-30 p.m.	Dr A. R. Graham 1st Tuesday.	County Council.
"	St. John's Parish Room, Forton.	Wednesdays 2-0 p.m.	Dr. E. Ashworth.	"
"	Nicholson Memorial Hall, Stoke Road.	Thursdays 2-15 p.m.	Dr. E. Ashworth.	"
"	Methodist Sunday School Room, Stoke Road.	Fridays 2-0 p.m.	Dr. E. Ashworth.	"
Ante-Natal Clinic	War Memorial Hospital. Out-Patients' Dept.	1st, 2nd, 3rd and 4th Thursdays 2-30 p.m.	Drs. N. W. Berry, F. Lyth, W. H. Lamplough, C. N. Suter.	"
Tuberculosis Dispensary	4 Clarence Square.	Mondays, Wednesdays & Thursdays 10 a.m.	Dr D. J. N. McNab	"

Hospitals : Public and Voluntary.

INFECTIOUS DISEASES HOSPITAL & WAR MEMORIAL HOSPITAL.

The first is owned by the Corporation and the latter is a Voluntary Hospital.

The agreement with the Corporation of Portsmouth for the admission into Portsmouth Isolation Hospital of infectious cases requiring operative treatment remains in force.

Section C.—Sanitary Circumstances of the Area.

Water.

Certain extensions of the public water supply authorised by the Gosport Water Act, 1937, have been completed and put into use during 1938. They are as follows :—

- (1) New Pumping Well. 10ft. diameter, 130ft. deep, with a short length of adit from this Well driven to connect up to the existing adits at the north end of the Soberton Pumping Station.
- (2) New Pumping Station Buildings.
- (3) New Pumping Engine, capacity $2\frac{1}{2}$ million gallons per 24 hours, with the latest pattern Chlorograph.
- (4) The Gosport Water Company purchased about 86 acres of land known as "Bere Farm Estate," some acres of which to be used for the purpose of extending underground works to increase the yield of water, and the remainder to prevent any building or other developments that might endanger the catchment area by possible pollution to the supply.

The work completed in 1938 upon this land consists of one Access Shaft 156ft. 6ins. deep connected to about 3,000 feet of new adits with a connecting adit driven under the Railway to the original Pumping Station site which was limited to 5 acres.

The main supply is a typical chalk water remaining practically constant in quality. Samples of the water are taken monthly by the Gosport Water Company and quarterly by the Sanitary Inspector for both chemical and bacteriological examination. All the reports on the samples examined were satisfactory. The following is a typical report :—

The Counties Public Health Laboratories.

91, QUEEN VICTORIA STREET, LONDON, E.C. 4.

Analysis of a sample of water received on 20th June, 1938, from the
Gosport Water Company.

Labelled—Soberton Pumping Station, Rising Main.

Chemical Results in parts per 100,000.

Appearance	...	...	Clear and Bright.
Colour	...	...	Normal.
Odour	...	...	None.
Reaction pH	...	...	Neutral 7.2. Free Carbonic Acid 1.9
Electric Conductivity at 20°C	440		
Total Solids, 180°C	...	29.0	
Chlorine in Chlorides	...	1.4	
Nitrogen in Nitrates	...	0.16.	Nitrites—Absent
Hardness—Permanent	...	4.0	
Temporary	...	19.5	
Total	...	23.5	
Metals	...	...	Absent
Free Ammonia	...	0.0000	Ammoniacal Nitrogen. —
Albuminoid Ammonia	...	0.0000	Albuminoid Nitrogen. —
Oxygen Absorbed in 4 hours			
at 80°F	...	0.005	

Bacteriological Results.

No. of Bacteria per C.C.

On Agar in 3 days at 20°C. 4.

On Agar in 1 day at 37°C. 0.

On Agar in 2 days at 37°C. 3.

The Bacillus Coli—

Present in— Absent in 100 c.c.

Bacillus Welchii.

(B. Enteritidis Sporogenes). Present in— Absent in 100 c.c.

Report.

This sample is clear and bright and of normal colour. The water is neutral in reaction, hard in character, although not unduly so, contains no excess of saline or mineral matter in solution, no metals and is of a high degree of organic and bacterial purity.

The water is, therefore, considered pure and wholesome in character, and suitable for the purposes of Public Supply.

(Signed) E. V. Suckling,

The whole of the Public Water Supply is chlorinated as a precautionary measure. The water in 3 wells was found to be unfit for drinking purposes and suitable action was taken.

Drainage and Sewerage.

New sewers have been laid as follows :—

Privett School	138 yds. x 9 ins.
The Avenue	146 yds. x 9 ins.
Bury Hall Lane	132 yds. x 9 ins.

Storm water drains laid :—

Jellicoe Avenue	173 yds. x 9 ins.
Jellicoe Avenue	376 yds. x 6 ins.

SPECIAL REPORT OF THE MEDICAL OFFICER OF HEALTH
ON SEWER OVERFLOWS, 28th JUNE, 1938.

SUMMARY.

Having received a complaint of a nuisance arising from the discharge of crude sewage from the Corporation's No. 5 sewer overflow situated at the end of the Creek opposite Grove Road School, I advised the Council that the discharge of crude sewage at any place where it is not rapidly removed or rendered innocuous is a danger to health. At the same time I drew the Council's attention to the other sewer overflows in the Borough which might give rise to a similar nuisance and suggested certain improvements which would lessen the risk.

Lt.-Col. L. F. Wells from the Ministry of Health subsequently inspected the sewer overflows in the Borough and advised the Minister of Health as follows :—

"It appears to be desirable that the sewer overflows and outfalls therefrom should be kept under observation and that all ascertainable cases of such overflows coming into action should be recorded with a view to appropriate action being taken to obviate any conditions from which nuisance or risk to public health might arise."

Therefore the Council resolved that the Borough Engineer be instructed that if, at any future time, such overflows come into action he shall record the same and notify the Medical Officer of Health immediately.

Rivers and Streams.

There was no pollution in the area requiring any action.

Closet Accommodation.

There were two conversions from privy pans to pail closets during the year.

Number of water closets	...	..	12,850
Number of pail closets	..	...	21

Public Cleansing.

There are six closed type refuse vehicles in use which is insufficient for the needs of the Borough if the frequency that open lorries are being used for refuse collection is any guide. The latter are a disgrace as well as a menace to the health of the Borough and their use should be discontinued. The insanitary practice of emptying the contents of dustbins into hand-baths continues, in spite of my protests, and is likely to continue until the powers that be and the public develop a more lively interest and conscience towards public health reforms of an unspectacular though none the less beneficial nature.

I have recommended that dustbins should be supplied and maintained by the Corporation (as empowered by Sub-section (3) of Section 75 of the Public Health Act, 1936), as the only satisfactory way of preventing the use of unsuitable refuse receptacles. Moreover if my recommendation had been approved there would no longer have been much excuse for the insanitary bath act to save time, as an empty dustbin could have been left and the full one removed in one journey. But the cost of the scheme, estimated at one-third of a penny rate, was deemed to outweigh the advantages though the superiority of electricity to gas for street lighting was recently considered to be worth more than twice that sum.

Sanitary Inspection of Area.

RECORD OF VISITS AND INSPECTIONS.

Dwelling Houses.			
Inspections under the Public Health Acts	...	240	
Inspections under the Housing Act	...	729	
After Infectious Disease	...	432	
Overcrowding	...	241	
Complaints received and attended to	...	352	
<i>Re</i> Sanitary Dustbins	...	151	
Drainage Inspections	...	262	
Drains Tested	...	21	
Houses Let in Lodgings	...	26	
Common Lodging Houses	...	19	
Offensive Trades	...	4	
Tents, Vans and Sheds	...	57	
Stables and Stable Yards	...	61	
Piggeries	...	19	
Factories	...	72	
Workshops	...	38	
Workplaces	...	19	
Outworkers' Rooms	...	91	
Bakehouses	...	53	
Public Conveniences	...	34	
Theatres, Cinemas, etc.	...	3	
Rats and Mice (Destruction) Act	...	12	
Schools	...	16	
Shops Acts	...	5114	
Mosquito Control	...	20	
Vacant Land and Dumps	...	35	
Common Yards and Passages	...	12	
Revisits to Premises under Notice	...	2602	
Works in progress	...	542	
Interviews with Owners, etc.	...	774	
Verminous Premises or Rooms	...	277	
<i>Re</i> Council House Tenants	...	314	
Slum Clearance Revisits	...	955	
Miscellaneous Visits	...	543	
Meat and Foods			
Slaughter-houses	{ In Office Hours	...	1123
	{ After Office Hours	...	799
Butchers' Shops and Stalls	...	...	1400

Fishmongers and Poulterers	...	...	85
Greengrocers and Fruiterers	...	...	153
Grocers and other Food Shops	...	...	212
Fried Fish Shops	...	...	54
Dairies and Milkshops	...	...	340
Cowsheds	...	...	24
Ice Cream Premises	...	...	28
Restaurants and Dining Rooms	...	...	36
Street Hawkers and Vendors	...	...	15
Milk Samples—Tuberculosis	...	...	14
Phosphatase and Bact. Count.	...	...	64
Typhoid	...	...	2
Detergent Samples	...	...	47
School Milk Bottles	...	...	48
Water Samples Taken	...	...	37
Miscellaneous	...	...	3
Total visits	...	...	18529

SUMMARY OF SANITARY WORK CARRIED OUT.

Houses.

Roofs	...	...	183
Walls (External)	...	...	272
Chimneys and Stacks	...	...	98
Rainwater Pipes	...	...	47
Eaves Guttering	...	...	69
Yards and Passages	...	...	102
Coalhouses	...	...	4
Dampness Abated	...	...	198
Wallplaster	...	...	207
Ceilings	...	...	86
Floors	...	...	195
Windows	...	...	281
Sashcords	...	...	281
Additional Lighting	...	...	10
Additional Ventilation	...	...	17
Stairs	...	...	22
Doors	...	...	100
Cleansed	...	...	67
Woodwork	...	...	35
Handrails Fixed	...	...	23
Fireplaces	...	...	85
Cooking Ranges	...	...	31

Coppers	...	...	71
Sinks (Provision of)	...	...	64
Sinks (Repair and Renewal)	...	...	11
Sink Waste Pipes	...	...	71
Interior Water Supplies Provided	...	...	58
Repairs to Water Supplies	...	...	10
Food Stores	...	...	80
Overcrowding Abated	...	...	25
Miscellaneous	...	...	95
<i>Drainage.</i>			
Drains cleared	...	...	68
Drains repaired	...	...	15
New Drains	...	...	27
Other Defects	...	...	134
Drains Tested	...	...	21
<i>Water Closets.</i>			
Cleared	...	...	7
Repaired	...	...	100
Cleansed	...	...	2
New Closets provided	...	...	1
<i>Dustbins.</i>			
New provided	...	...	115
Insanitary Receptacles abolished	..	...	11
<i>Miscellaneous.</i>			
Offensive Accumulations	...	...	31
Animals	...	...	4
Verminous Rooms	...	...	78
Stagnant Water	...	...	1
<i>Contraventions.</i>			
Slaughter Houses	...	..	7
Tents, Vans and Sheds	...	...	11
Houses Let in Lodging	...	...	—
Common Lodging Houses	...	...	12
Dairies and Milkshops	...	...	10
Cowsheds	...	...	1
Butchers' Premises	...	...	1
Food Premises	...	...	3
Piggeries	...	...	5
Stables and Stable Yards	...	...	3
Workshops and Factories	...	...	27

Bakehouses	...	...	7
Shops Acts	...	...	148
Fried Fish Shops	...	...	3
Total Defects remedied	...	...	3751

NOTICES SERVED.

Informal Notices :			
Public Health Acts	...	...	353
Housing Acts	...	...	166
Shops Acts	..	...	17
Statutory Notices :			
Public Health Acts	...	..	63
Shops Act	...	...	1
Number of Notices complied with	...	...	525

Complaints.

During the year complaints were received regarding the following matters :—

Absence of sanitary dustbin	...	5
Accumulation of refuse	...	13
Camping site	...	1
Choked or defective drainage	...	37
Controlled Tipping	...	3
Dampness	...	11
Dangerous walls and buildings	...	1
Defective Roofs	...	4
Defective firegrates	...	2
Defective water closets	...	8
Flies, Mosquitoes, etc.	...	1
General sanitary conditions	...	65
Keeping of animals	...	1
Miscellaneous	...	8
Offensive smells	...	11
Overcrowded premises	...	3
Public conveniences	...	2
Public water supply	...	1
Rats and mice	...	3
Smoke nuisance	...	3
Stables and piggeries	...	1
Stagnant water	...	1
Unsound food	...	1
Vans and sheds	...	2
Verminous and dirty premises	...	20
Wasps	...	1

In each case, an inspection was made at the premises concerned and, where the department has power to intervene, appropriate action was taken.

FACTORY AND WORKSHOPS ACT, 1901.
and FACTORIES ACT, 1937

(which superseded the Act of 1901 on 1st July, 1938).

1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH

Premises.	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories with mechanical power	72	3	—
Factories without „ „	38	—	—
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises).	4	—	—
Total ...	114	3	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects			
	Found	R'medied	Referred to H.M. Inspector	Number of defects in respect of which Prosecutions were instituted
Want of Cleanliness (s. 1) ...	6	6	—	—
Overcrowding (s. 2)				
Unreasonable temperature (s. 3)				
Inadequate Ventilation (s. 4) ...				
Ineffective drainage of floors (s. 6)				
Sanitary Conveniences (s. 7)				
Insufficient	1	1	—	—
Unsuitable or defective	11	11	—	—
Not separate for sexes				
Other offences ...	10	9	—	—
(not including offences relating to Home work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921), and re-enacted in the Third Schedule to the Factories Act, 1937).				
Total	28	27	—	—

Shops.

Action taken under the Shops Act, 1934 :—

Total number of primary visits to shops—94.

„ „ „ re-visits to shops—5242.

1 Notice served under Section 10 to repair sanitary accommodation was complied with.

17 Preliminary notices were served, all of which were completed.

10 Exemption Orders were made *re* sanitary accommodation.

Camping Sites.

1. Number of sites used for camping purposes during 1938—5.
2. Number of camping sites in respect of which licences have been issued under Section 269 of the Public Health Act, 1936—2.
3. Estimated maximum number of campers resident in the Borough at one time during the summer season 1938—460

Smoke Abatement.

No action required.

Swimming Baths and Pools.

There are two swimming pools in the Borough, one of which is owned by the Corporation and the other by a company.

The Corporation's pool has a Paterson Continuous Bath Purification Plant which has greatly improved the appearance and quality of the water.

Fortnightly samples are taken during the season from the Pool at Lee. In both pools sea water is used and changed as frequently as required. There were no unsatisfactory reports on the water during the season.

Eradication of Bed Bugs.

The following action was taken during the year :—

	Council houses.	Other houses.	Total.
1. No. of houses found to be infested	41	11	52
No. of houses disinfested	41	11	52

2. Disinfestation was carried out by fumigation with SO_2 gas and spraying with 'Solitox' or 'Zaldecide.'
3. The premises and bedding, etc., of prospective Council house tenants are inspected by one of the Sanitary Inspectors and all infested material is condemned or disinfested.
4. The work of disinfestation is carried out by the Local Authority.
5. Supervision and verbal advice given to tenants by Sanitary Inspectors. A leaflet on bugs is also given to each Council house tenant.

Schools.

There are 17 Elementary Schools with 30 Departments in the Borough, all of which are regularly inspected. No schools were closed during the year on account of infectious disease. All the schools have main water supply and water closets.

Mosquito Control.

No change in the arrangements.

During the year 600 gallons of waste oil, 180 gallons of larvicide and 720 gallons of paraffin were used for this purpose. The cost to the Corporation for wages, larvicide, paraffin and haulage, etc., was £182 2s. 10d.

Premises and Occupations Subject to Control by the Local Authority.

	Number
Houses let in lodgings	...
Common Lodging Houses	...
Tents, Vans and Sheds	... (Number varies)
Dairies, Cowsheds and Milkshops	...
Slaughterhouses	...
	6
	2
	123
	10

Section D.—Housing.

1. Inspection of Dwelling-Houses during the year :—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	745
(b) Number of inspections made for the purpose	1253
(2) (a) Number of dwelling-houses (included under sub-head (1) above,) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	222
(b) Number of inspections made for the purpose	729
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	54
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	684

2. Remedy of Defects during the year without service of Formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	443
---	-----

3. Action under Statutory Powers during the year :—

A. Proceedings under Section 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners	Nil
(b) By local Authority in default of owners	Nil

B. Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	63
(2) Number of dwelling-houses in which defects were remedied after service of formal notices—	
(a) By owners	81
(b) By Local Authority in default of owners	1

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	29
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	10

D. Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

4. Housing Act, 1936—Part IV—Overcrowding.

(a) (i) Number of dwellings overcrowded at the end of the year	16
(ii) Number of families dwelling therein	16
(iii) Number of persons dwelling therein	124
(b) Number of new cases of overcrowding reported during the year	2
(c) (i) Number of cases of overcrowding relieved during the year	25
(ii) Number of persons concerned in such cases	192
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.	Nil

Slum Clearance—Position at 31st December, 1938.

Total number of houses demolished	544
-----------------------------------	-----

Section E.—Inspection and Supervision of Food.

Milk Supply.

Eighty samples of milk were taken for examination and 1 was reported positive T.B. Sixty-four of the 80 samples were submitted to the Phosphatase Test and 21 were reported unsatisfactory. There were 24 inspections of the farms in the Borough and 340 inspections of dairies and milkshops.

The number of licences issued by the Local Authority in 1938 to producers and distributors of special milk were as follows :—

	Producers.	Distributors.
Tuberculin Tested ...	—	6
Five licences to pasteurise milk were issued.		

Meat and other Foods.

During the year 1922 visits were made to slaughter-houses and 1400 visits to butchers' shops for the purpose of meat inspection.

The total animals slaughtered in the Borough during the year and the number of carcasses examined were :—

			Slaughtered.	Inspected.
Beasts	...	..	1005	1005
Sheep	...	...	2376	2295
Pigs	...	...	1793	1789
Others	...	...	437	436
Totals			5611	5525

According to the above figures 98·5 per cent of the total animals slaughtered were inspected.

The surrenders of unsound meat and other foods within the Borough during the year were as follows :—

Tuberculosis—	Beasts.	Pigs.	Sheep.	Calves.	Total.
Whole carcasses and organs	45	3	—	1	49
Side of beef	1	—	—	—	1
Flanks	2	—	—	—	2
Forequarters	21	2	—	—	23
Hindquarters	5	—	—	—	5
Neck ends of beef	2	—	—	—	2
Briskett of beef	22	—	—	—	22
Heads and tongues	175	49	—	2	226
Lungs (pairs)	381	14	—	3	398
Stomachs	19	—	—	—	19
Livers	116	5	—	3	124
Hearts	35	—	—	—	35
Skirts (diaphragms)	17	—	—	—	17
Spleens	10	2	—	1	13
Kidneys	21	—	—	2	23
Mesenteries and intestines	221	24	—	—	245
Udders	5	—	—	—	5
Stickings	18	—	—	—	18
Pluck	—	5	—	—	5

Other Diseases—	Beasts.	Pigs.	Sheep.	Calves.	Total.
Whole carcasses					
and organs	11	1	—	10	22
Briskett	1	—	—	—	1
Flanks	2	—	—	—	2
Heads and Tongues	18	—	1	—	19
Lungs (pairs)	19	30	12	—	61
Stomachs	2	—	—	—	2
Livers	278	1	25	—	304
Hearts	2	1	—	—	3
Skirts (diaphragms)	3	2	—	—	5
Spleens	1	1	—	—	2
Kidneys	8	—	—	—	8
Mesenteries and					
Intestines	312	2	—	—	314
Udders	5	—	—	—	5
Stickings	4	—	—	—	4
Beef (bruised) ...	57 lbs.				
Other Foods :—					
6 Cases of Dried Haddock ...					Decomposition.

Adulteration, etc.

The following table shows the number of samples taken by the Inspectors under the Sale of Food and Drugs Act, etc. :—

Article.	Genuine.	Unsatisfactory.
Arrowroot	1	—
Brawn	1	—
Butter	4	—
Cream Cheese	1	—
Coffee	1	—
Cream	2	—
Digestive Powder	1	—
Fish, tinned	1	—
Jam	1	—
Margarine	1	—
New Milk	49	7
Peas, tinned	2	—
Rum	1	—
Sausage	4	—
Seidlitz Powder	2	—
Slippery Elm	1	—
Soda Mint	1	—
Treacle	1	—
Whiskey	2	—
Totals	77	7

Chemical and Bacteriological Examination of Food.

This is done by the County Laboratory when required. The number of examinations made during 1938 has already been given under the heading "Laboratory Facilities."

Nutrition—Dissemination of Knowledge.

Mainly during school inspections by talks to parents and by leaflets. The Journal "Better Health" is supplied to the schools by the Local Education Authority.

Shell Fish (Molluscan).

There are no shell-fish beds or layings in the district, winkles being the only shell-fish of local origin. All other shell-fish sold in the Borough are obtained from outside sources.

No action has been taken or required under the Public Health (Shell-fish) Regulations, 1934, or the Public Health (Cleansing of Shell-fish) Act, 1932.

The sources from which shell-fish marketed in the district are derived are as follows:—Billingsgate Market, London; Portsmouth Market; Emsworth; Grimsby; Isle of Wight; Hill Head.

Section F.—Prevalence of, and Control over, Infectious and other Diseases.

Scarlet Fever.

There were 183 cases of scarlet fever notified during the year compared with 117 in 1937. In most cases the disease was mild. There were no deaths.

Diphtheria.

There were 35 cases of diphtheria and one death.

None of the children immunized contracted this disease. The following table shows the number of children immunized during the year:—

	One injection only.		Two injections		Three injections		Total	
	M	F	M	F	M	F	M	F
Pre-school Children (1—4 years)	25	13	186	211	—	—	211	224
School Children (5—12 years)	75	71	1196	1136	5	9	1276	1216
Total	100	84	1382	1347	5	9	1487	1440

Prophylactic used :—A.P.T. (Burroughs Wellcome & Co.)

Enteric Fever.

There were 2 cases, and both recovered.

Pneumonia.

There were 97 notifications of this disease compared with 62 in the previous year. Eighteen of the 97 cases notified died but actually a total of 30 persons died from pneumonia during the year according to our death returns ; so all the cases were not notified.

Small Pox.

There were no cases.

Malaria and Dysentery.

There were no cases.

Cerebro Spinal Fever.

One case of Cerebro-Spinal Fever was notified during the year.

School Intimations of Infectious Diseases.

The Head Teachers send me a weekly return of all children absent from school owing to infectious disease.

Cases of Infectious Diseases notified during the Year, 1938.

DISEASE.	Total Cases notified.	Total Cases admitted to:							Total Deaths.
		Blake Isolation Hospital.	War Memorial Hospital.	Royal Naval Hosp., Haslar	Military Families Hosp., Hilsea	N.C.H. & O. Hospital.	Ports'th. Infect. Diseases Hosp'l.	Fareham Isolation Hosp'l.	
Small Pox ...	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	183	112	—	10	—	2	—	—	—
Diphtheria ...	35	32	—	—	—	—	1	1	1
Enteric Fever ...	2	1	—	—	—	—	1	—	—
Pneumonia ...	97	—	3	1	2	—	—	—	30
Cerebro-Spinal Fever ...	1	—	1	—	—	—	—	—	—
Acute Poliomyelitis ...	1	—	—	—	—	—	—	—	—
Acute Polio Encephalitis	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—
Dysentery ...	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	15	—	—	—	—	—	—	—	—
Puerperal Pyrexia ...	2	—	—	—	—	—	—	—	—
Erysipelas ...	25	—	—	3	—	—	—	—	—
Malaria ...	—	—	—	—	—	—	—	—	—
Cholera ...	—	—	—	—	—	—	—	—	—
Plague ...	—	—	—	—	—	—	—	—	—
Typhus Fever ...	—	—	—	—	—	—	—	—	—
Relapsing Fever ...	—	—	—	—	—	—	—	—	—
Totals	361	145	4	14	2	2	2	1	31

Age Groups of Infectious Diseases notified during the year, 1938.

DISEASE.	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over	Total
Small Pox ...	...	...	...	...	...	...	44	16	14	12	1	—	183
Scarlet Fever ...	—	3	6	10	11	66	7	3	—	1	—	—	35
Diphtheria ...	—	2	3	3	6	10	—	—	2	—	—	—	2
Etiatic Fever ...	—	—	—	—	—	—	—	—	14	12	14	2	97
Pneumonia ...	7	7	3	4	7	18	5	4	—	—	—	—	1
Cerebro-Spinal Fever ...	1	—	—	—	—	—	—	—	—	—	—	—	1
Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	1	—	—	—	1
Acute Polio Encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	15	—	—	—	—	—	—	—	—	—	—	—	15
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	2	—	—	—	2
Erysipelas ...	—	—	—	—	—	—	1	—	1	4	13	6	25
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS ...	23	12	12	17	24	94	57	23	34	29	28	8	361

Infectious Disease Incidence Table for 1938.

Disease,			January	February	March	April	May	June	July	August	September	October	November	December	Total
Small Pox	...	...											
Scarlet Fever	...	...	23	23	21	17	28	11	18	10	17	3	6	6	183
Diphtheria	...	...	8	6	2	2		5	4	1		4	2	1	35
Enteric Fever	...	...					1					1			2
Pneumonia	...	...	10	14	12	11	12	8	7	4	2	4	8	5	97
Cerebo-Spinal Meningitis			1												1
Acute Poliomyelitis	...	...								1					1
Acute Polio-Encephalitis															
Encephalitis Lethargica	...	...											
Dysentery	...	...											
Ophthalmia Neonatorum	...	...		2		2	1				3	1	2	4	15
Puerperal Pyrexia	...	...					1				1				2
Erysipelas	...	...	5	2	6	1		2			1	3	1	4	25
Malaria	...	...											
Cholera	...	...											
Plague	...	...											
Typhus Fever	...	...											
Relapsing Fever	...	...											
Total	...	...	47	47	41	33	43	26	29	16	24	16	19	20	361

Infectious Diseases Incidence Table for 1938 of the different Wards.

Name of Disease.	Town	Newtown	Christchurch	Forton	Brockhurst	Elson	Leesland	Alverstoke	Lee-on-Solent	Totals
Small Pox
Scarlet Fever	617	111	113	75	425	2522	124	235	183
Diphtheria	22	37	75	53	51	41	21	35	2
Enteric Fever
Pneumonia	96	49	28	15	15	65	59	97	1
Cerebro-Spinal Fever	1	...	...	1	1
Acute Poliomyelitis	1	1
Acute Polio Encephalitis
Encephalitis Lethargica
Dysentery
Ophthalmia Neonatorum	—	31	11	62	22	—	—	15	2
Puerperal Pyrexia	—	11	—	—	—	—	—	2	2
Erysipelas	12	42	6—	31	625	—	—	25	25
Malaria
Cholera
Plague
Typhus Fever
Relapsing Fever
Totals	1831	2430	8265	5134	26361	...	...	...	...

Deaths from Notifiable Diseases.—1938

DISEASE.	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over	Total
Small Pox ...													
Scarlet Fever ...							1						1
Diphtheria ...													
Enteric Fever ...													
Pneumonia ...	9	1		1	1	1	1	1	2	3	3	7	30
Cerebro-Spinal Fever ...													
Acute Poliomyelitis ...													
Acute Polio Encephalitis ...													
Encephalitis Lethargica ...									1				1
Dysentery ...													
Ophthalmia Neonatorum ...													
Puerperal Pyrexia ...													
Puerperal Fever ...													
Erysipelas ...													
Malaria ...													
Cholera ...													
Plague ...													
Typhus Fever ...													
Relapsing Fever ...													
TOTALS ...	9	1		1	1	1	2	1	3	3	3	7	32

Prevention of Blindness.

No action was taken by the Local Authority under Section 176 of the Public Health Act, 1936. The care of the blind persons is under the Hampshire Association for the Care of the Blind. This Association is supported by voluntary subscription and by a contribution from the County Council.

Tuberculosis.

No action was required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

Tuberculosis.

New Cases and Mortality during 1938.

AGE PERIOD	NEW CASES—54.				DEATHS—23.			
	Pulmonary.		Non-Pulmonary		Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Udr. 1 yr.			2	1			1	
1—5 yrs.			1	2			1	
5—15 „			6	1			1	
15—25 „	2	5		3	3			1
25—35 „	8	8			3	6		
35—45 „	2	3			2	2	1	1
45—55 „	4	2						
55—65 „	1	3						
65 & up					1			
Totals	17	21	9	7	9	8	4	2

Ratio of Non-notified deaths to total deaths=1:23

Twenty-two of the 23 deaths were notified. There was no instance of wilful neglect or refusal to notify.

There is no evidence of excessive incidence of, or mortality from, tuberculosis in any particular occupation in the area.

Tuberculosis Dispensary.

Number of patients under supervision or treatment at the Dispensary	...	...	117
Number admitted to Sanatoria or as in-patients to any Hospital	...	...	47

Causes of Death in Gosport during 1938. 34

CAUSES OF DEATH.				Males.	Females.	Total.
1	Typhoid and Paratyphoid Fevers ...	...	...	—	—	—
2	Measles ...	...	...	2	2	4
3	Scarlet Fever ...	...	...	—	—	—
4	Whooping Cough ...	...	...	—	1	1
5	Diphtheria ...	...	...	1	—	1
6	Influenza ...	...	...	2	—	2
7	Encephalitis Lethargica ...	...	...	1	—	1
8	Cerebro-Spinal Fever ...	...	...	—	—	—
9	Respiratory Tuberculosis ...	...	...	9	8	17
10	Other Tuberculous Diseases ...	...	...	4	2	6
11	Syphilis ...	...	...	—	—	—
12	General Paralysis of Insane, etc. ...	...	...	—	—	—
13	Cancer ...	...	...	37	30	67
14	Diabetes ...	...	...	4	5	9
15	Cerebral Hæmorrhage ...	...	...	13	17	30
16	Heart Disease ...	...	...	35	40	75
17	Aneurysm ...	...	...	2	1	3
18	Other Circulatory Diseases ...	...	...	19	12	31
19	Bronchitis ...	...	...	4	6	10
20	Pneumonia ...	...	...	18	12	30
21	Other Respiratory diseases ...	...	...	3	3	6
22	Peptic Ulcer ...	...	...	3	2	5
23	Diarrhœa, etc. (under 2 years) ...	...	...	5	—	5
	Diarrhœa (2 years and over) ...	...	...	—	—	—
24	Appendicitis ...	...	...	3	1	4
25	Cirrhosis of Liver ...	...	...	—	1	1
26	Other diseases of Liver ...	...	...	—	1	1
27	Other digestive diseases ...	...	...	7	4	11
28	Nephritis ...	...	...	8	6	14
29	Puerperal Sepsis ...	...	...	—	—	—
30	Other puerperal causes ...	...	...	—	5	5
31	Congenital Causes, etc. ...	...	...	8	15	23
32	Senility ...	...	...	10	21	31
33	Suicide ...	...	...	4	1	5
34	Other Violence ...	...	...	13	4	17
35	Other defined causes ...	...	...	19	19	38
36	Ill-defined Causes ...	...	...	—	—	—
Special Causes (included in No. 35 above)						
	Small-pox ...	...	...	—	—	—
	Poliomyelitis ...	...	...	—	—	—
	Polioencephalitis ...	...	...	—	—	—
TOTALS ...				234	219	453
Deaths of Infants under 1 year						
		Legitimate		20	23	43
		Illegitimate		1	2	3
TOTALS ...				21	25	46

**Birth-Rates, Death-Rates, Analysis of Mortality. Maternal
Death-Rates, and Case-Rates for certain Infectious Diseases
in the year, 1938.**

	England and Wales	126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Popu- lations 25,000 to 50,000 at 1931 Census).	London Adminis- trative County	Gosport
	Rates per 1,000 Population.				
Births :					
Live ...	15.1	15.0	15.4	13.4	18.64
Still ...	0.60	0.65	0.60	0.48	0.74
Deaths :					
All Causes ...	11.6	11.7	11.0	11.4	10.02
Typhoid and Paratyphoid fevers }	0.00	0.00	0.00	0.00	—
Small pox ...	0.00	—	0.00	—	—
Measles ...	0.04	0.05	0.03	0.06	0.08
Scarlet fever	0.01	0.01	0.01	0.01	—
Whooping cough ...	0.03	0.03	0.02	0.03	0.02
Diphtheria ...	0.07	0.07	0.06	0.05	0.02
Influenza ...	0.11	0.10	0.11	0.06	0.04
Notifications :					
Smallpox ...	0.00	—	0.00	—	—
Scarlet fever ...	2.41	2.60	2.58	2.05	3.98
Diphtheria ...	1.58	1.85	1.53	1.90	0.76
Enteric fever ...	0.03	0.03	0.04	0.05	0.04
Erysipelas ...	0.40	0.46	0.39	0.46	0.54
Pneumonia ...	1.10	1.28	0.98	0.98	2.11
	Rates per 1,000 Live Births.				
Deaths under 1 year of age	53	57	51	57	53
Deaths from Diarrhoea and Enteritis under 2 years of age }	5.5	7.8	3.6	13.1	5.8
Maternal Mortality :					
Puerperal Sepsis ...	0.89	} Not available			—
Others ...	2.19				5.8
Total ...	3.08				5.8
	Rates per 1,000 Total Births (i.e., Live and Still).				
Maternal Mortality :					
Puerperal Sepsis ...	0.86	} Not available			—
Others ...	2.11				5.62
Total ...	2.97				5.62
Notifications :					
Puerperal fever ...	{ 14.42	18.08	12.51	{ 3.53	2.24
Puerperal pyrexia ...				{ 15.46	

Comparative Death Rate, 1917—1938.

Year.	GOSPORT.			ENGLAND & WALES.
	No. of Deaths.	Population R.G.	Rate per 1,000.	Rate per 1000.
1917	383	27,762	13·79	14·4
1918	412	27,917	14·75	17·6
1919	380	29,192	13·01	13·8
1920	360	30,356	11·85	12·4
1921	360	30,878	11·65	12·0
1922	325	31,320	10·37	12·7
1923	337	30,407	11·08	11·6
1924	338	30,580	11·05	12·2
1925	356	30,670	11·6	12·2
1926	324	29,740	10·89	11·6
1927	355	30,300	11·05	12·3
1928	342	30,730	11·12	11·7
1929	444	31,650	14·02	13·4
1930	353	33,080	10·67	11·4
1931	371	33,360	11·1	12·3
1932	447	38,720	11·5	12·0
1933	436	39,570	11·2	12·3
1934	407	40,870	10·1	11·8
1935	414	41,910	10·06	11·7
1936	436	42,720	10·4	12·1
1937	464	44,210	10·69	12·4
1938	453	45,910	10·02	11·6

Incidence of all Deaths in the Several Wards—1938

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Rate per 1,000 Population.
Town	2	3	2	3	4	1	2	5	5	4	3	3	37	0.80
Newtown	4	2	3	5	9	3	—	3	5	3	3	—	40	0.87
Christ Church	2	4	7	1	7	5	4	4	5	1	3	4	47	1.02
Forton	4	4	2	1	2	1	1	3	2	3	1	4	28	0.61
Brockhurst	12	8	9	6	3	6	6	6	3	3	5	5	72	1.56
Elson	9	6	7	11	7	6	3	8	7	4	4	8	80	1.74
Leesland	6	7	9	6	6	6	5	5	6	7	4	7	74	1.61
Alverstoke	3	3	4	5	2	1	8	6	7	3	4	4	50	1.08
Lee-on-Solent	3	3	3	3	2	1	2	1	4	2	1	—	25	0.54
Totals	45	40	46	41	42	30	31	41	44	30	28	35	453	$9.83 \times 1.02 \text{ (C.F.)}$ $= 10.02$

Age Groups of Deaths from all Causes. 1938.

Month.	Under 12 Months	over 1 year	10 years	20 years	30 years	40 years	50 years	60 years	70 years	80 years	90 years	Total
January ...	10	2	1	1	1	2	3	11	8	6	—	45
February ...	2	1	1	3	3	3	2	8	10	6	1	40
March ...	4	2	1	6	2	3	4	6	11	7	—	46
April ...	3	4	1	1	4	—	6	7	12	3	—	41
May ...	7	—	—	2	1	3	8	8	8	4	1	42
June ...	2	2	3	—	2	1	5	10	3	2	—	30
July ...	2	—	—	2	1	3	6	5	9	3	—	31
August ...	2	1	3	2	5	1	6	9	6	4	2	41
September ...	3	2	1	—	2	5	1	12	8	10	—	44
October ...	4	—	—	3	1	—	5	5	7	4	1	30
November ...	4	1	—	2	6	—	3	2	6	4	—	28
December ...	3	—	1	3	2	2	5	6	8	3	2	35
Total	46	15	12	25	30	23	54	89	96	56	7	453

Comparative Birth Rate, 1917—1938.

Year.	GOSPORT.			ENGLAND & WALES.
	No. of Births.	Population R.G.	Rate per 1000.	Rate per 1000.
1917	632	30,947	20.42	17.8
1918	681	31,279	21.77	17.7
1919	709	30,410	23.31	18.5
1920	970	36,048	26.9	25.4
1921	789	33,710	23.4	22.4
1922	734	34,150	21.49	20.4
1923	711	34,280	20.74	19.7
1924	622	32,680	19.03	18.8
1925	665	33,150	20.06	18.3
1926	637	31,990	19.91	17.8
1927	623	33,520	18.58	16.7
1928	652	34,130	19.1	16.7
1929	686	35,130	19.52	16.3
1930	651	37,130	17.53	16.3
1931	704	37,580	18.7	15.8
1932	740	38,720	19.1	15.3
1933	702	39,570	17.7	14.4
1934	707	40,870	17.29	14.8
1935	705	41,910	16.82	14.7
1936	752	42,720	17.60	14.8
1937	837	44,210	18.93	14.9
1938	856	45,910	18.64	15.1

**The Rate of Infant Mortality measured by the
proportion of Deaths under one year to Registered
Births, 1917—1938.**

Gosport.					England and Wales.	
1917	66.4	per 1,000	births registered.		97	per 1,000
1918	69.0	"	"	"	97	"
1919	48.9	"	"	"	89	"
1920	50.5	"	"	"	80	"
1921	64.6	"	"	"	83	"
1922	54.4	"	"	"	77	"
1923	57.6	"	"	"	69	"
1924	65.9	"	"	"	75	"
1925	55.6	"	"	"	75	"
1926	36.1	"	"	"	70	"
1927	46.5	"	"	"	69	"
1928	42.9	"	"	"	65	"
1929	62.6	"	"	"	74	"
1930	44.5	"	"	"	60	"
1931	41.1	"	"	"	66	"
1932	52.7	"	"	"	65	"
1933	39.8	"	"	"	64	"
1934	38.2	"	"	"	59	"
1935	49.64	"	"	"	57	"
1936	38.56	"	"	"	59	"
1937	39.43	"	"	"	58	"
1938	53.73	"	"	"	53	"

**Infant Mortality Rates calculated for several
Wards, 1938.**

Ward.				Rates per 1000 live births.
Town	...	...	...	7.01
Newtown	...	...	...	2.34
Christchurch	...	...	...	1.17
Forton	...	...	...	2.34
Brockhurst	...	...	...	9.33
Elson	...	...	...	18.66
Leesland	...	...	...	10.54
Alverstoke	...	...	...	1.17
Lee-on-the-Solent	...	...	...	1.17
TOTAL				53.73

Monthly Weather Summary for the Year, 1938.

Month	Mean Barometer ins.	TEMPERATURE						Mean Daily Range °F.	SUNSHINE		RAINFALL			Relative Humidity (Satur- ation 100)
		MEAN		ABSOLUTE		MEAN	Total No. of hours.		Days of 0·5 hrs. or more	Total ins.	Days of 0·0 ins. or more.			
		°F.	°F.	Max. °F.	Min. °F.							Max. °F.	Min. °F.	
January ..	29·949	44·6		54	33	48·5	40·7	7·8	50·9	16	89·9	3·53	20	94
February ..	30·291	42·6		54	31	47·0	38·2	8·8	86·1	19	13·7	0·54	7	88
March ..	30·312	49·5		63	31	56·7	42·4	14·3	177·8	30	11·3	0·44	5	84
April ..	30·324	48·5		65	33	57·0	40·0	17·0	198·3	29	0·4	0·02	1	72
May ..	29·981	53·2		74	35	60·2	46·2	14·0	174·7	27	41·2	1·62	11	74
June ..	30·079	60·6		79	47	67·4	53·8	13·6	225·1	28	12·2	0·48	6	76
July ..	29·987	61·8		78	49	67·9	55·7	12·2	174·9	29	32·5	1·28	11	76
August ..	30·000	64·6		86	48	71·5	57·7	13·8	193·7	28	54·6	2·15	9	78
September ..	30·014	60·5		78	46	67·5	53·6	13·9	151·4	27	40·5	1·59	14	85
October ..	29·952	54·1		65	39	59·2	49·1	10·1	139·3	27	90·8	3·57	18	85
November ..	29·881	46·7		62	33	55·6	37·8	17·8	49·6	18	108·8	4·28	18	92
December ..	29·886	41·9		55	21	45·7	38·2	7·5	56·9	16	69·0	2·72	19	92
TOTAL ..	..	..		..	..	..	..	..	1678·7	294	564·9	22·22	139	..
MEAN ..	30·054	52·3		67·7	37·10	58·6	46·1	12·5	159·9	24·5	47·07	1·85	11·5	83·0

I am indebted to Dr. A. B. Williamson, Medical Officer of Health, Portsmouth, for kindly supplying me with the particulars for the above table.

